

SEQUENCE LISTING

<110> Wary, Kishore, K.
Huntsoe, Joseph O.

<120> Uses of Vascular Endothelial Growth Factor
and Type I Collagen Inducible Protein (VCIP)

<130> D6563

<141> 2004-03-29

<150> US 60/458,164
<151> 2003-03-27

<160> 36

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<212> PRT
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<223> peptide used to raise anti-VCIP-cyto-C16
antibody

<400> 1
Leu Ser Pro Val Asp Ile Ile Asp Arg Asn Asn His His Asn Met
5 10 15

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<211> 20
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<223> peptide used to raise anti-VCIP-RGD antibody

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Glu Gly Tyr Ile Gln Asn Tyr Arg Cys Arg Gly Asp Asp Ser Lys
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Val Gln Glu Ala Arg
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<223>      a peptide containing RGD sequence

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Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
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<223>      human VCIP

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                    20                      25                      30
Ser Lys Arg Val Leu Leu Ile Cys Leu Asp Leu Phe Cys Leu Phe
                    35                      40                      45
Met Ala Gly Leu Pro Phe Leu Ile Ile Glu Thr Ser Thr Ile Lys
                    50                      55                      60

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Pro	Tyr	His	Arg	Gly	Phe	Tyr	Cys	Asn	Asp	Glu	Ser	Ile	Lys	Tyr	
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Pro	Leu	Lys	Thr	Gly	Glu	Thr	Ile	Asn	Asp	Ala	Val	Leu	Cys	Ala	
				80					85					90	
Val	Gly	Ile	Val	Ile	Ala	Ile	Leu	Ala	Ile	Ile	Thr	Gly	Glu	Phe	
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Tyr	Arg	Ile	Tyr	Tyr	Leu	Lys	Lys	Ser	Arg	Ser	Thr	Ile	Gln	Asn	
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Pro	Tyr	Val	Ala	Ala	Leu	Tyr	Lys	Gln	Val	Gly	Cys	Phe	Leu	Phe	
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Gly	Cys	Ala	Ile	Ser	Gln	Ser	Phe	Thr	Asp	Ile	Ala	Lys	Val	Ser	
				140					145					150	
Ile	Gly	Arg	Leu	Arg	Pro	His	Phe	Leu	Ser	Val	Cys	Asn	Pro	Asp	
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Phe	Ser	Gln	Ile	Asn	Cys	Ser	Glu	Gly	Tyr	Ile	Gln	Asn	Tyr	Arg	
				170					175					180	
Cys	Arg	Gly	Asp	Asp	Ser	Lys	Val	Gln	Glu	Ala	Arg	Lys	Ser	Phe	
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Phe	Ser	Gly	His	Ala	Ser	Phe	Ser	Met	Tyr	Thr	Met	Leu	Tyr	Leu	
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Val	Leu	Tyr	Leu	Gln	Ala	Arg	Phe	Thr	Trp	Arg	Gly	Ala	Arg	Leu	
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Leu	Arg	Pro	Leu	Leu	Gln	Phe	Thr	Leu	Ile	Met	Met	Ala	Phe	Tyr	
				230					235					240	
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Val	Leu	Ala	Gly	Phe	Ala	Gln	Gly	Ala	Leu	Val	Ala	Cys	Cys	Ile	
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Val	Phe	Phe	Val	Ser	Asp	Leu	Phe	Lys	Thr	Lys	Thr	Thr	Leu	Ser	
				275					280					285	
Leu	Pro	Ala	Pro	Ala	Ile	Arg	Lys	Glu	Ile	Leu	Ser	Pro	Val	Asp	
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<223> lipid phosphatase domain of human VCIP

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Ser Val Cys

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<223> a rat peptide containing lipid
phosphatase domain

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Asp Ile Ala Lys Tyr Ser Ile Gly Arg Leu Arg Pro His Phe Leu
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Ala Val Cys

<210> 16

<211> 18

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<223> a mouse peptide containing lipid
phosphatase domain

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Asp Ile Ala Lys Tyr Thr Ile Gly Ser Leu Arg Pro His Phe Leu
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Ala Ile Cys

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phosphatase domain

<400> 17

Asp Leu Ala Lys Tyr Met Ile Gly Arg Leu Arg Pro Asn Phe Leu
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Ala Val Cys

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<223> a Drosophila peptide containing lipid
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Thr Leu Cys

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<213> C. elegans

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<223> a C. elegans peptide containing lipid
phosphatase domain

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Ile Val Thr Lys His Val Val Gly Arg Leu Arg Pro His Phe Leu
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<223> a peptide containing RGD sequence

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<223> a peptide containing a mutated RGD sequence

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